

Paranoia3

Tape Encryption Appliance



Backup Media Encryption

The Paranoia3 is an inline backup encryption appliance, designed to work on all tape drives.

Simplicity

The Paranoia range of appliances are designed to be trouble-free to configure, manage and use.

Transparent

The Paranoia3 is designed to operate transparently within your existing environment.

Product Overview

- Inline Backup and Archive Media Encryption
- Ease of Integration into existing infrastructure
- AES 128, 192 or 256 Encryption
- Fibre Channel or SCSI LVD Interfaces
- Simple configuration and operation
- Supports all major tape types including LTO, SDLT, DLT, AIT, QIC, SAIT, 3570, 3590, 9840 as well as many more
- Supports all major systems including iSeries, Windows, Unix, AIX, Linux, GCOS, HP-UX, Unisys, Guardian, Fujitsu, NEC and more

Paranoia3 offers a simple way of adding backup and archive encryption to your existing environment. A field proven system with over 16 years of active use, Paranoia3 is the fourth generation product in use world wide. No changes to the operational procedures or installation of agents / drivers are needed, which means integration is fast and stress free.

When it comes to a Disaster Recovery situation the simplicity and ease of use means your restores are no more complex than prior to the implementation of Paranoia3, ensuring your business is back in operation with the minimum delay. Even IPL (bare metal restore) direct from an encrypted tape is allowed via the Paranoia3 so it could not be simpler.

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Designed to do the job

The Paranoia3 is a discrete hardware appliance designed to deliver backup and archive media encryption. With a design that is not based on a standard PC system, this means its sole function is encrypting data. This approach has several advantages, with no unnecessary parts, the power requirement and heat outputs are kept low, not having a standard operating system means there is no susceptibility to virus or other similar attacks, and because we have full control of the build and components we can ensure long term support. If the drive reports any information, such as diagnostic reports, these will be transparently reported to the host via the Paranoia3.

Data Compliance

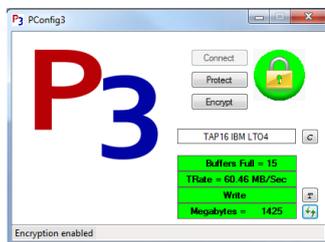
It is increasingly difficult for companies to ensure they are meeting all the compliance requirements placed on them, such as PCI DSS, HIPAA, SOX, GBLA and similar regulations. To ensure the backup and archive tapes do not allow any regulations to be accidentally broken, the Paranoia3 offers a simple and straightforward way to encrypt all company data saved to tape.

Paranoia3 fits all environments

The Paranoia3 is designed to be transparent to the system, ensuring it can be utilised across the business, regardless of whether the systems are the latest types, or older legacy systems. Because no agents or special drivers are needed, Paranoia3 is not dependant on specific OS levels, or backup software versions.

Paranoia3 supports all LVD SCSI or Fibre Channel tape drives and even the older HVD SCSI tape drives and libraries can be supported.

GUI Management



A simple GUI allows users to enter the two user keys and to monitor the unit remotely either, via a serial connection, or a network connection. When multiple tape drives are connected to the Paranoia3 each unit can be set independently to either encrypt, decrypt or simply pass through the data as required. This can be replaced by an optional Smart Card Key Management and control system, please see iSecure and iCard for further information.